ES Warmups Week 28

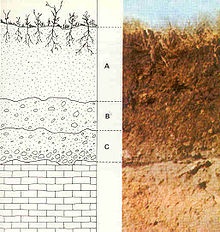
Match each term with the correct description.

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| 1. | erosion | a. | rocks are broken down into smaller pieces |
| 2. | chemical weathering | b. | weathered material is transported to a new location |
| 3. | deposition | c. | rocks are chemically changed or dissolved |
| 4. | water | d. | most important agent of chemical weathering |
| 5. | mechanical weathering | e. | eroded material is dropped when the erosive agent is no longer powerful enough to carry it |

Listed below are the 5 statements about erosion. Choose the term listed in parentheses that will correctly complete the sentence.

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| 1. | (**Overgrazing, Agriculture**) results in erosion because the grass is removed so close to the ground that it can no longer hold the soil in place. |
| 2. | (**Contour, No till**) farming reduces erosion by leaving crop plants in the ground over the winter. |
| 3. | One of the best ways to keep soil from being carried away by water or wind is (**vegetation, gravel**). |
| 4. | When planting crops on steep slopes, (**no till farming, terracing**) is the best method to slow down the flow of water and prevent erosion. |
| 5. | There is no erosion (**on the moon, in the desert**) because of the absence of wind and water. |

Which of the following make up organic matter in soil?

1. Carbon dioxide
2. Dead leaves
3. Animal waste
4. Weathered rock
5. Acid rain
6. Dead insects
7. Clay
8. Decayed animals
9. Rotting wood
10. Which layer has the most humus?
11. Which layer has the least organic material?
12. Which layer would experience the most weathering?
13. In which layer are most minerals leached from layer A deposited?

Match each province with the correct description.

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| 1. | terracing | a. | soil erosion caused by exposing topsoil and excessive removal of nutrients by crops |
| 2. | contour farming | b. | soil erosion caused by the excessive removal of grasses by animals |
| 3. | agriculture | c. | build level-topped areas into steep slopes to allow crops to be grown while reducing erosion |
| 4. | overgrazing | d. | prevent erosion by leaving crops in field over the winter |
| 5. | no-till farming | e. | planting along the natural contours of land slows flow of water down slopes |